

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A dental adhesive composition comprising:

(A) a polyfunctional polymerizable monomer which is an ester compound of a polyhydric alcohol of 3 to 6 carbon atoms and plural (meth)acrylic acids and has 1 to 2 hydroxyl groups, in an amount of 1 to 30 parts by weight,

(B) a monofunctional (meth)acrylate, having no hydroxyl group and in an amount of 65 to 95 parts by weight,

(C) a polymerizable monomer having an acid group, in an amount of 1 to 10 parts by weight, and

(D) an organoboron compound in an amount of 0.5 to 10 parts by weight based on 100 parts by weight of the total of the polyfunctional polymerizable monomer (A), the monofunctional (meth)acrylate (B) and the polymerizable monomer (C) having an acid group,

with the proviso that the total of the component (A), the component (B) and the component (C) is 100 parts by weight.

2. (Original) The dental adhesive composition as claimed in claim 1, further comprising a filler (E) in an amount of 20 to 300 parts by weight based on 100 parts by weight of the total of the component (A), the component (B) and the component (C).

3. (Original) The dental adhesive composition as claimed in claim 1, further comprising a solvent (F) in an amount of 10 to 200 parts by weight based on 100 parts by weight of the total of the component (A), the component (B) and the component (C).

4. (Previously amended) The dental adhesive composition as claimed in claim 1, wherein the polyfunctional polymerizable monomer (A) is contained in an amount of 1 to 20 parts by weight.

5. (Previously amended) The dental adhesive composition as claimed in claim 1, wherein the polyfunctional polymerizable monomer (A) is at least one polyfunctional polymerizable monomer selected from the group consisting of glycerol di(meth)acrylate, butanetriol di(meth)acrylate, di(meth)acrylate of butanetetraol, tri(meth)acrylate of butanetetraol, di(meth)acrylate of pentanetriol, di(meth)acrylate of pentanetetraol, tri(meth)acrylate of pentanetetraol, tri(meth)acrylate of xylitol, di(meth)acrylate of hexanetriol, di(meth)acrylate of hexanetetraol and tri(meth)acrylate of hexanetetraol.

6. (Previously amended) The dental adhesive composition as claimed in claim 1, wherein the polyfunctional polymerizable monomer (A) is glycerol di(meth)acrylate.

7. (Previously amended) The dental adhesive composition as claimed in claim 1, wherein the polymerizable monomer (C) having an acid group is 4-methacryloyloxyethyltrimellitic acid and/or 4-methacryloyloxyethyltrimellitic anhydride.

8. (Previously amended) The dental adhesive composition as claimed in claim 1, wherein the organoboron compound (D) is tributylborane and/or a partial oxide thereof.

9. (Original) The dental adhesive composition as claimed in claim 2, wherein the filler (E) is polymethyl (meth)acrylate particle.

10. (Previously added) The dental adhesive composition as claimed in claim 2, wherein the polyfunctional polymerizable monomer (A) is contained in an amount of 1 to 20 parts by weight.

11. (Previously added) The dental adhesive composition as claimed in claim 2, wherein the polyfunctional polymerizable monomer (A) is at least one polyfunctional polymerizable monomer selected from the group consisting of glycerol di(meth)acrylate, butanetriol di(meth)acrylate, di(meth)acrylate of butanetetraol, tri(meth)acrylate of butanetetraol, di(meth)acrylate of pentanetriol, di(meth)acrylate of pentanetetraol, tri(meth)acrylate of pentanetetraol, tri(meth)acrylate of

xylitol, di(meth)acrylate of hexanetriol, di(meth)acrylate of hexanetetraol and tri(meth)acrylate of hexanetetraol.

12. (Previously added) The dental adhesive composition as claimed in claim 2, wherein the polyfunctional polymerizable monomer (A) is glycerol di(meth)acrylate.

13. (Previously added) The dental adhesive composition as claimed in claim 5, wherein the polyfunctional polymerizable monomer (A) is glycerol di(meth)acrylate.

14. (Previously added) The dental adhesive composition as claimed in claim 2, wherein the polymerizable monomer (C) having an acid group is 4-methacryloyloxyethyltrimellitic acid and/or 4-methacryloyloxyethyltrimellitic anhydride.

15. (Previously added) The dental adhesive composition as claimed in claim 2, wherein the organoboron compound (D) is tributylborane and/or a partial oxide thereof.

16. (New) A dental adhesive composition comprising:

(A) a polyfunctional polymerizable monomer which is an ester compound of a polyhydric alcohol of 3 to 6 carbon atoms and plural (meth)acrylic acids and has 1 to 2 hydroxyl groups, in an amount of 1 to 30 parts by weight,

(B) at least one monofunctional (meth)acrylate, having no hydroxyl group and selected from the group consisting of alkyl (meth)acrylates, (poly)alkylene glycol monoalkyl ether (meth)acrylates, fluoroalkyl esters of (meth)acrylic acids, silane compounds having (meth)acryloxyalkyl groups, (meth)acrylates having heterocyclic rings, in an amount of 65 to 95 parts by weight,

(C) a polymerizable monomer having an acid group, in an amount of 1 to 10 parts by weight, and

(D) an organoboron compound in an amount of 0.5 to 10 parts by weight based on 100 parts by weight of the total of the polyfunctional polymerizable monomer (A), the monofunctional (meth)acrylate (B) and the polymerizable monomer (C) having an acid group,

with the proviso that the total of the component (A), the component (B) and the component (C) is 100 parts by weight.

17. (New) The dental adhesive composition as claimed in claim 16, further comprising a filler (E) in an amount of 20 to 300 parts by weight based on 100 parts by weight of the total of the component (A), the component (B) and the component (C).

18. (New) The dental adhesive composition as claimed in claim 16, further comprising a solvent (F) in an amount of 10 to

200 parts by weight based on 100 parts by weight of the total of the component (A), the component (B) and the component (C).

19. (New) The dental adhesive composition as claimed in claim 16, wherein the polyfunctional polymerizable monomer (A) is at least one polyfunctional polymerizable monomer selected from the group consisting of glycerol di(meth)acrylate, butanetriol di(meth)acrylate, di(meth)acrylate of butanetetraol, tri(meth)acrylate of butanetetraol, di(meth)acrylate of pentanetriol, di(meth)acrylate of pentanetetraol, tri(meth)acrylate of pentanetetraol, tri(meth)acrylate of xylitol, di(meth)acrylate of hexanetriol, di(meth)acrylate of hexanetetraol and tri(meth)acrylate of hexanetetraol.

20. (New) The dental adhesive composition as claimed in claim 16, wherein the polymerizable monomer (C) having an acid group is 4-methacryloyloxyethyltrimellitic acid and/or 4-methacryloyloxyethyltrimellitic anhydride.